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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/581,959

04/02/2007

Il Shik Yoon

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EXAMINER

KRUER, STEFAN

ART UNIT

PAPER NUMBER

3654

MAIL DATE

DELIVERY MODE

04/01/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/581,959	Applicant(s) YOON, IL SHIK	
	Examiner Stefan Krueer	Art Unit 3654	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 - 2 is/are pending in the application.
 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1 - 2 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 June 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____. |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Abstract

The abstract of the disclosure does not commence on a separate sheet in accordance with 37 CFR 1.52(b)(4). A new abstract of the disclosure is required and must be presented on a separate sheet, apart from any other text.

Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. *The form and legal phraseology often used in patent claims, such as "means" and "said" and "comprised" should be avoided.* The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1 and 2 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nakajima (JP-02013590) in view of Shishido et al (JP-405230928).

Re: Claim 1, Nakajima disclose an assistant ceiling device (6, 12, 11, Fig. 6) for shielding an emergency escape hatch (13) located at a ceiling (2) of an elevator cab (1), the assistant ceiling device comprising:

- two elongated rail guides (11), each being installed at either side of the emergency escape hatch and having a length longer than that of the emergency escape hatch and shorter than that of the ceiling of the elevator cab; and
- an assistant ceiling plate (12) consisting of a rectangular thin plate and being laid on the rail guides to shield the emergency escape hatch, each of the rail guides having a latching jaw formed at a lower end of the rail guide while being bent inward, and the ceiling plate being installed between the rail guides by laying the opposite sides of the ceiling plate on the latching jaws of the rail guides; however,

Nakajima is silent with respect to his guide rails formed with a slot at an upper end. Furthermore, though Nakajima discloses his rectangular thin plate as an illumination plate, thereby of clear or translucent construction, the use of a metallic plate in lieu of a translucent or clear plate would have been obvious to one having ordinary skill in the art.

Attention is directed to Shishido et al who teach their rail guides (60, Fig. 6) is formed, at an upper end (approximate 6a), with a slot(6b) having a width through which a head (23) of a bolt (20) cannot pass, and with a guide recess (6a) having a passageway having a size through which the head of the bolt can freely move, so that the rail guides can be fastened to their ceiling (10) by means of the bolts equipped to the rail guides, for feature of simplicity and ease of replacement.

It would have been obvious to one of ordinary skill in the art to modify the reference of Nakajima with the teaching of Shishido et al for utility.

Re: Claim 2, though Nakajima are silent with respect to their ceiling of their elevator cab having a plurality of holes, attention is directed to Shishido et al who teach

their rail guides having slots and guide recesses for bolts at their upper ends, whereby said bolts are mounted to their ceiling and each hole is elongated perpendicular to an associated rail guide, for feature of proper mounting and adjustability.

It would have been obvious to one of ordinary skill in the art to modify the reference of Nakajima with the teaching of Shishido et al for utility.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Alves (5,412,912) Schoenfeld (3,175,656), Bongio (2003/0213199) and Zaccai et al (5,337,525) are cited for various mounting systems incorporating rail guides having slots at their upper ends and recesses through which the head of bolts can freely move.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stefan Kruer whose telephone number is 571.272.5913. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Cuomo can be reached on 571.272.6856. The fax phone number for the organization where this application or proceeding is assigned is 571.273.8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866.217.9197 (toll-free).

/Stefan Kruer/ Examiner, Art Unit 3654

17 March 2008

/Peter M. Cuomo/

Supervisory Patent Examiner, Art Unit 3654